

IN THE CLAIMS:

Please enter any changes in the claims indicated in the complete copy of the pending claims, as sought to be amended, presented below:

1-11. **(Canceled).**

12. **(Previously Added)** A method of forming transmission lines and openings for buried passive components in green tapes comprising
embossing a channel directly on the surface of a green tape using heat and pressure sufficient to transfer the pattern from the embossing tool to the green tape,
screen printing a suitable ink into the channel to fill the channel,
covering the filled channel with a second green tape, and
firing the green tapes and ink to remove organic materials in the green tapes and ink and densify the green tape.

13. **(Previously Added)** The method of claim 12, wherein embossing is conducted with tools heated to 115 to 200°F.

14. **(Previously Added)** The method of claim 13, wherein embossing is conducted using a pressure of 1200 to 2400 psi.

15. **(Currently Amended)** The method of claim 12, wherein the embossed ~~transmission line channels are~~ channel is filled with conductive ink.

16. **(Previously Added)** The method of claim 15, wherein the conductive ink includes silver powder and an organic vehicle to provide a viscosity of about 30 poise.

17. **(Previously Added)** The method of claim 12, wherein the embossed channel is filled with a resistor ink.

18. **(Previously Added)** The method of claim 12, wherein the embossed channel is filled with a capacitor ink.

19. **(Previously Added)** The method of claim 18, wherein the capacitor ink includes lead magnesium niobate.

20. **(Previously Added)** The method of claim 18, wherein the capacitor ink includes barium titanate.

21. **(Previously Added)** The method of claim 12, wherein more than one screen printing step is used to fill the channel.

22. **(Previously Added)** A method of forming transmission lines and openings for buried passive components in green tapes comprising

embossing a channel directly on the surface of a green tape using heat and pressure sufficient to transfer the pattern from the embossing tool to the green tape,

screen printing a suitable ink into the channel to fill the channel,

covering the filled channel with a second green tape,

aligning and laminating the green tapes onto a metal support coated with a low melt temperature glass, and

firing the green tapes to remove organic materials in the green tapes and ink and densify the green tape.